| Z |
|----------|
| ABLE |
| AVAIL |
| BEST |

| umbér:_ | 08/462355A | CRF Processing Date Edited by: | 6/ |
|-------------------------|--|---|-----------------|
| Changed a | file from non-ASCII to ASCII | Verified by:/ | (STIC |
| Changed th | ne margins in cases where the sequence tex | ct was "wrapped" down to the next i | ine. |
| Edited a for | mat error in the Current Application Data se | ection, specifically: | |
| Edited the capplicant w | Current Application Data section with the act as the prior application data; or detection data | tual current number. The number in | nputted by the |
| Added the r | mandatory heading and subheadings for "Cu | urrent Application Data". | |
| Edited the " | Number of Sequences" field. The applicant | spelled out a number instead of us | ing an integer. |
| Changed th | e spelling of a mandatory field (the heading | s or subheadings), specifically: | |
| Corrected th | ne SEQ ID NO when obviously incorrect. Th | ne sequence numbers that were edi | ited were: |
| Inserted or o | corrected a nucleic number at the end of a n | ucleic line. SEQ ID NO's edited: | |
| | ubheading placement. All responses must baced a response below the subheading, this | | |
| Inserted col | ons after headings/subheadings. Headings | edited included: | |
| Deleted ext | ra, invalid, headings used by an applicant, s | pecifically: | |
| Deleted: page n |] non-ASCII "garbage" at the beginning/end umbers throughout text; ☐ other invalid te | of files; secretary initials/filenaxt, such as | ame at end of f |
| Inserted ma | andatory headings, specifically: | | |
| Corrected a | n obvious error in the response, specifically | : | |
| Edited iden | tifiers where upper case is used but lower ca | ase is required, or vice versa. | 81 |
| Corrected a | n error in the Number of Sequences field, sp | pecifically: | |
| A "Hard Paç | ge Break" code was inserted by the applican | t. All occurrences had to be delete | d. |
| | Ing stop codon in amino acid sequences an antln bug). Sequences corrected: | | |
| | | | |

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

DATE: 07/17/97 TIME: 16:38:09

INPUT SET: S19020.raw

This Raw Listing contains the General Information Section and up to the first 5 pages

```
SEQUENCE LISTING
 1
 2
 3
     (1)
            General Information
 5
             (i) APPLICANT: Coleman, Roger
 6
                          Au-Young, Janice
 7
                          Bandman, Olga
                          Seilhamer, Jeffrey J.
 8
 9
10
            (ii) TITLE OF THE INVENTION: A C5a-LIKE SEVEN TRANSMEMBRANE
                                           RECEPTOR
11
12
            (iii) NUMBER OF SEQUENCES: 5
13
14
            (iv) CORRESPONDENCE ADDRESS:
15
16
              (A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
17
              (B) STREET: 3174 Porter Drive
18
              (C) CITY: Palo Alto
19
              (D) STATE: CA
20
              (E) COUNTRY: USA
21
              (F) ZIP: 94304
22
23
            (V) COMPUTER READABLE FORM:
24
              (A) MEDIUM TYPE: Diskette
25
              (B) COMPUTER: IBM Compatible
              (C) OPERATING SYSTEM: DOS
26
27
              (D) SOFTWARE: FastSEQ for Windows Version 2.0
28
            (vi) CURRENT APPLICATION DATA:
29
              (A) APPLICATION NUMBER: 08/462,355
30
              (B) FILING DATE: June 5, 1995
31
32
            (vii) PRIOR APPLICATION DATA:
33
              (A) APPLICATION NUMBER:
34
              (B) FILING DATE:
35
36
37
            (viii) ATTORNEY/AGENT INFORMATION:
38
              (A) NAME: Billings, Lucy .
39
              (B) REGISTRATION NUMBER: 36,749
40
              (C) REFERENCE/DOCKET NUMBER: PF-0040 US
41
42
            (ix) TELECOMMUNICATION INFORMATION:
43
              (A) TELEPHONE: 415-855-0555
44
              (B) TELEFAX: 415-845-4166
25
46
               (2) INFORMATION FOR SEQ ID NO:1:
```

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

DATE: 07/17/97 TIME: 16:38:14

INPUT SET: S19020.raw

(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1446 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: cDNA (vii) IMMEDIATE SOURCE: (A) LIBRARY: Mast Cell (B) CLONE: 8118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1: ATGGCGTCTT TCTCTGCTGA GACCAATTCA ACTGACCTAC TCTCACAGCC ATGGAATGAG CCCCCAGTAA TTCTCTCCAT GGTCATTCTC AGCCTTACTT TTTTACTGGG ATTGCCAGGC AATGGGCTGG TGCTGTGGGT GGCTGGCCTG AAGATGCAGC GGACAGTGAA CACAATTTGG TTCCTCCACC TCACCTTGGC GGACCTCCTC TGCTGCCTCT CCTTGGCCTT CTCGCTGGCT CACTTGGCTC TCCAGGGACA GTGGCCCTAC GGCAGGTTCC TATGCAAGCT CATCCCCTCC ATCATTGTCC TCAACATGTT TGGCAGTGTC TTCCTGCTTA CTGCCATTAG CCTGGATCGC TGTCTTGTGG TATTCAAGCC AATCTGGTGT CAGAATCATC GCAATGTAGG GATGGCCTGC TCTATCTGTG GATGTATCTG GGTGGTGGCT TTTGTGTTGTT GCATTCCTGT GTTCGTGTAC CGGGAAATCT TCACTACAGA CAACCATAAT AGATGTGGCT ACAAATTTGG TCTCTCCAGC TCATTAGATT ATCCAGACTT TTATGGGGAT CCACTAGAAA ACAGGTCTCT TGAAAACATT GTTCAGCCGC CTGGAGAAAT GAATGATAGG TTAGATCCTT CCTCTTTCCA AACAAATGAT CATCCTTGGA CAGTCCCCAC TGTCTTCCAA CCTCAAACAT TTCAAAGACC TTCTGCAGAT TCACTCCCTA GGGGTTCTGC TAGGTTAACA AGTCAAAATC TGTATTCTAA TGTATTTAAA CCTGCTGATG TGGTCTCACC TAAAATCCCC AGTGGGTTTC CTATTGAAGA TCACGAAACC AGCCCACTGG ATAACTCTGA TGCTTTTCTC TCTACTCATT TAAAGCTGTT CCCTAGCGCT TCTAGCAATT CCTTCTACGA GTCTGAGCTA CCACAAGGTT TCCAGGATTA TTACAATTTA 960 4 GGCCAATTCA CAGATGACGA TCAAGTGCCA ACACCCCTCG TGGCAATAAC GATCACTAGG

CTAGTGGTGG GTTTCCTGCT GCCCTCTGTT ATCATGATAG CCTGTTACAG CTTCATTGTC

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

DATE: 07/17/97 TIME: 16:38:19

| II | VΡ | UT | `SET | : S1 | 902 | 0.raw |
|----|----|----|------|------|-----|-------|
| | | | | | | |

| | INPUI SEI: 519020 | .raw |
|------------|--|------|
| 100 | THE COLUMN A 111 COCCOCC OF THE COCCOLO MORE AND A 111 COTTO THE COCCOCC | 1140 |
| 101 102 | TTCCGAATGC AAAGGGGCCG CTTCGCCAAG TCTCAGAGCA AAACCTTTCG AGTGGCCGTG | 1140 |
| 102 | GTGGTGGTGG CTGTCTTTCT TGTCTGCTGG ACTCCATACC ACATTTGGGG AGTCCTGTCA | 1200 |
| 103 | GIGGIGG CIGICITICI IGICIGGIGG RETECNIREC RENITIGGE RETECTION | 1200 |
| 105 | TTGCTTACTG ACCCAGAAAC TCCCTTGGGG AAAACTCTGA TGTCCTGGGA TCATGTATGC | 1260 |
| 106 | | |
| 107 | ATTGCTCTAG CATCTGCCAA TAGTTGCTTT AATCCCTTCC TTTATGCCCT CTTGGGGAAA | 1320 |
| 108 | | |
| 109 | GATTTTAGGA AGAAAGCAAG GCAGTCCATT CAGGGAATTC TGGAGGCAGC CTTCAGTGAG | 1380 |
| 110 | | |
| 111 | GAGCTCACAC GTTCCACCCA CTGTCCCTCA AACAATGTCA TTTCAGAAAG AAATAGTACA | 1440 |
| 112 | | |
| 113 | ACTGTG | 1446 |
| 114 | | |
| 115 | | |
| 116 | (2) INFORMATION FOR SEC ID NO. 2. | |
| 117 118 | (2) INFORMATION FOR SEQ ID NO:2: | |
| 119 | (i) SEQUENCE CHARACTERISTICS: | |
| 120 | (A) LENGTH: 482 amino acids | |
| 121 | (B) TYPE: amino acid | |
| 122 | (D) TOPOLOGY: linear | |
| 123 | (2) 131 32331 | |
| 124 | (ii) MOLECULE TYPE: protein | |
| 125 | | |
| 126 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: | |
| 127 | | |
| 128 | Met Ala Ser Phe Ser Ala Glu Thr Asn Ser Thr Asp Leu Leu Ser Gln | |
| 129 | 1 5 10 15 | |
| 130 | | |
| 131 | Pro Trp Asn Glu Pro Pro Val Ile Leu Ser Met Val Ile Leu Ser Leu | |
| 132 | 20 25 30 | |
| 133 | | |
| 134 | Thr Phe Leu Leu Gly Leu Pro Gly Asn Gly Leu Val Leu Trp Val Ala | |
| 135 | 35 40 45 | |
| 136 137 | Gly Leu Lys Met Gln Arg Thr Val Asn Thr Ile Trp Phe Leu His Leu | |
| 137 | 50 55 60 | |
| 139 | 30 33 00 | |
| 140 | Thr Leu Ala Asp Leu Leu Cys Cys Leu Ser Leu Ala Phe Ser Leu Ala | |
| 141 | 65 70 75 80 | |
| 142 | | |
| 143 | His Leu Ala Leu Gln Gly Gln Trp Pro Tyr Gly Arg Phe Leu Cys Lys | |
| 144 | 85 90 95 | |
| 145 | | |
| 146 | Leu Ile Pro Ser∙Ile Ile Val Leu Asn Met Phe Gly Ser Val Phe Leu | |
| 147 | 100 105 110 | |
| 148 | 4 | |
| 149 | Leu Thr Ala Ile Ser Leu Asp Arg Cys Leu Val Val Phe Lys Pro Ile | |
| 150 | 115 120 125 | |
| 151 | | |
| 152 | Trp Cys Gln Asn His Arg Asn Val Gly Met Ala Cys Ser Ile Cys Gly | |

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

INPUT SET: S19020.raw

DATE: 07/17/97 TIME: 16:38:24

| | | | | | | | | | | | | | | IN | IPUT | SET: |
|------------|------|----------|--------------|------------|----------|----------|--------------|----------|----------|----------|-------------|---------|-------|--------|-------------|------|
| 153 | | 130 | | | | | 135 | | | | | 140 | | | | |
| 154 | | -1. | | 1 | ••- 7 | | DI | 7 | . | a | -1 - | D | *** 7 | Dh. | 1 | |
| 155 | - | тте | тгр | vaı | Val | | Pne | vaı | Leu | cys | | Pro | лат | Pne | val | 160 |
| 156 | 145 | | | | | 150 | | | | | 155 | | | | | 100 |
| 157 | A | a1 | т1. | Dho | Thr | mb ~ | Nan | N a n | uic | Aan | 1 -~ | C++C | a1 | m | T *** | Dho |
| 158 159 | Arg | GIU | тте | Pne | 165 | THE | ASP | ASII | nis | 170 | Arg | Cys | сту | Tyr | 175 | Pne |
| 160 | | | | | 105 | | | | | 170 | | | | | 1/3 | |
| 161 | Glv | T.e11 | Ser | Ser | Ser | T.e.11 | Δsn | Tur | Pro | Asn | Phe | Tur | G] v | Asp | Pro | Leu |
| 162 | OL, | пса | DCI | 180 | DCI | | nop | - 3 - | 185 | пор | | -1- | 0-1 | 190 | | 200 |
| 163 | | | | | | | | | | | • | | | | | |
| 164 | Glu | Asn | Ara | Ser | Leu | Glu | Asn | Ile | Val | Gln | Pro | Pro | Gly | Glu | Met | Asn |
| 165 | | | 195 | | | | | 200 | | | | | 205 | | | |
| 166 | | | | | | | | | | | | | | | | |
| 167 | Asp | Arg | Leu | Asp | Pro | Ser | Ser | Phe | Gln | Thr | Asn | Asp | His | Pro | Trp | Thr |
| 168 | - | 210 | | = | | | 215 | | | | | 220 | | | | |
| 169 | | | | | | | | | | | | | | | | |
| 170 | Val | Pro | Thr | Val | Phe | Gln | Pro | Gln | Thr | Phe | Gln | Arg | Pro | Ser | Ala | Asp |
| 171 | 225 | | | | | 230 | | | | | 235 | | | | | 240 |
| 172 | | | | | | | | | | | | | | | | |
| 173 | Ser | Leu | Pro | Arg | Gly | Ser | Ala | Arg | Leu | | Ser | Gln | Asn | Leu | - | Ser |
| 174 | | | | | 245 | | | | | 250 | | | | | 255 | |
| 175 | _ | | | _ | _ | | _ | | - | _ | _ | _ | | _ | | |
| 176 | Asn | Val | Phe | - | Pro | Ala | Asp | Val | | Ser | Pro | Lys | ITe | | Ser | Gly |
| 177 | | | | 260 | | | | | 265 | | | | | 270 | | |
| 178 | ml | D | - 1 - | a 1 | | *** | a1 | ml | a | D | T | 3 | 1 | a | | .1. |
| 179 | Pne | Pro | | GIU | Asp | HIS | GIU | 280 | ser | PIO | Leu | Asp | 285 | ser | ASP | Ala |
| 180 181 | | | 275 | | | | | 200 | | | | | 205 | | | |
| 182 | Dhe | T 011 | Sor | Thr | uie | T.011 | Lve | T.011 | Dhe | Dro | Sar | λla | Ser | Ser | Δen | Ser |
| 183 | 1116 | 290 | Der | **** | 1110 | БСС | 295 | шси | 1110 | 110 | 501 | 300 | 501 | DCI | no | DCI |
| 184 | | 200 | | | | | 2,5 | | | | | 500 | | | | |
| 185 | Phe | Tvr | Glu | Ser | Glu | Leu | Pro | Gln | Glv | Phe | Gln | Asp | Tvr | Tvr | Asn | Leu |
| 186 | 305 | -1- | | | | 310 | | | 2 | | 315 | | - 4 - | - 2 - | | 320 |
| 187 | | | | | | | | | | | | | | | | |
| 188 | Gly | Gln | Phe | Thr | Asp | Asp | Asp | Gln | Val | Pro | Thr | Pro | Leu | Val | Ala | Ile |
| 189 | | | | | 325 | | | | | 330 | | | | | 335 | |
| 190 | | | | | | | | | | | | | | | | |
| 191 | Thr | Ile | Thr | Arg | Leu | Val | Val | Gly | Phe | Leu | Leu | Pro | Ser | | Ile | Met |
| 192 | | | | 340 | | | | | 345 | | | | | 350 | | |
| 193 | _ | _ | | | | | | - | | | | | | | _ | |
| 194 | Ile | Ala | _ | Tyr | Ser | Phe | Ile | | Phe | Arg | Met | Gln | | GTA | Arg | Phe |
| 195 | | | 355 | | | | | 360 | | | | | 365 | | | |
| 196 | | T | a | a 1 | ~ | . | m1 | nh - | . | 17-3 | 11. | 17.7 | 17.7 | **- 7 | **- 7 | .1. |
| 197 | АТА | | ser | GIN | ser | гàг | | Pne | arg | vaı | АТа | | vaı | vaı | vaı | Ala |
| 198 199 | | 370 | | | | | 375 | | | | _ | 380 | | | | |
| 200 | Val | Dhe | Leu | ۷a٦ | Cve | тτν | ጥ ኮ ፦ | Pro | ጥ፣ታም | Hie | Tla | Ψгъ | Gl v | Val | T.011 | Ser |
| 201 | 385 | LHE | neu. | val | Cys | 390 | 1111 | FIU | TYL | 4 | 395 | 115 | GLY | * a.r. | neu | 400 |
| 202 | 555 | | | | | | | | | | | | | | | |
| 203 | Lev | Leu | Thr | Asp | Pro | Glu | Thr | Pro | Leu | Glv | Lvs | Thr | Leu | Met | Ser | Tro |
| 204 | | | | | 405 | | | | | 410 | | | | | 415 | - E |
| 205 | | | | | , - | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

DATE: 07/17/97 TIME: 16:38:29

INPUT SET: S19020.raw

| 206 207 208 | Asp His | Val | Cys 420 | Ile | Ala | Leu | Ala | Ser 425 | Ala | Asn | Ser | Cys | | | Pro | vzv.ruw | |
|--------------------------|---------------------------------------|------------|---------------------|----------|----------------|------------|---------------|------------|-------|------------|---------------|------------|--------------|-------|------------|---------|---|
| 203 209 210 211 | Phe Leu | Tyr 435 | Ala | Leu | Leu | Gly | Lys 440 | Asp | Phe | Arg | Lys | Lys 445 | Ala | Arg | Gln | | |
| 212 213 214 | Ser Ile 450 | | Gly | Ile | Leu | Glu 455 | Ala | Ala | Phe | Ser | Glu 460 | Glu | Leu | Thr | Arg | | |
| 215 216 217 | Ser Thr 465 | His | Cys | Pro | Ser 470 | Asn | Asn | Val | Ile | Ser 475 | Glu | Arg | Asn | Ser | Thr 480 | | |
| 218 219 220 | Thr Val | | | | | | | | | | | | | | | | |
| 221 222 | | (2) | INFO | RMAT: | ION I | FOR S | SEQ : | ID NO | 0:3: | | | | | | | | |
| 223 | | (i) | SEQUI | ENCE | CHAI | RACTI | ERIST | rics | : | | | | | | | | |
| 224 | | (A |) LEI | NGTH | 23 | base | e pa: | irs | | | | | | | | | |
| 225 | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | | | |
| 226 | | | | | | | | | | | | | | | | | |
| 227 | , , | | | | | | | | | | | | | | | | |
| 228 | | | | | | | | | | | | | | | | | |
| 229 | | | | | | | | | | | | | | | | | |
| 230 | | (xi) | SEQ | JENCI | E DES | SCRI | OITS | V: SI | EQ II | ON C | :3: | | | | | | |
| 231 | | | | | | | | | | | | | | | | | |
| 232 | GAAAGA | CAGC | CAC | CACC | ACC A | ACG | | | | | | | | | | 2 | 3 |
| 233 | | | | | | | | | | | | | | | | | |
| 234 | | (2) | INFO | RMAT: | ION I | FOR S | SEQ : | D NO | 0:4: | | | | | | | | |
| 235 | | | | | | | | | | | | | | | | | |
| 236 | | (i) | SEQUI | ENCE | CHAI | RACTI | ERIS | rics | : | | | | | | | | |
| 237 | | (A |) LEI | NGTH | 24 | base | pa: | irs | | | | | | | | | |
| 238 | | (B |) TYI | PE: 1 | nucle | eic a | acid | | | | | | | | | | |
| 239 | | (C |) STI | RANDI | EDNES | SS: S | sing | Le | | | | | | | | | |
| 240 | | (D |) TOI | POLO | GY: | linea | ar | | | | | | | | | | |
| 241 | | | | | | | | | | | | | | | | | |
| 242 | | | | | | | | | | | | | | | | | |
| 243 | | (xi) | SEQ | UENCI | E DES | SCRI | OITS | v: SI | EQ II | ONO | :4: | | | | | | |
| 244 | | | | | | | | | | | | | | | | _ | |
| 245 | AGAAAG | CAAG | GCA | GTCC/ | ATT (| CAGG | | | | | | | | | | 2 | 4 |
| 246 | | | | | | | | | | _ | | | | | | | |
| 247 | | (: | 2) II | NFOR | TTAM | ON F. | OR SI | SQ I | O NO | :5: | | | | | | | |
| 248 | | | ~=~ | | a | | - D - C - C - | | | | | | | | | | |
| 249 | | (i) | ~ | | | | | | | | | | | | | | |
| 250 | | |) LEI | | | | | acia | S | | | | | | | | |
| 251 | | - |) TYI | | | | | ۱ | | | | | | | | | |
| 252 | | - |) STI | | | | _ | Le | | | | | | | | | |
| 253 254 | | • |) TOI 4 € | -OTO(| JI; . | ттие | a L | | | | | | | | | | |
| 254 255 | | | ~1 | | | | | | | | | | | | | | |
| 255 256 | | (xi) | Ç₽^i | וביאוריי | ישת ק | ידקטי | יחדתי | J. C1 | יח די | א מ | . 5 . | | | | | | |
| 256 257 | | (TT) | ⊕ ne∆(| ODNCI | J DEG | OCUTI | | اد. ۲۰ | -7 T) | . 110 | | | | | | | |
| 257 258 | Met As | n Ga | r Dh | ο λαι | о Т туз | r ጥሎ፣ | r ጥሎ | r Dr | ר אפי | ን ጥ፣ታ፣ | r <u>@</u> 1, | , Hie | <u>.</u> Ту. | r Act | n Asn | | |
| 250 | Met AS | se | . F114 | = ASI | ı ıyı | . 1111 | . 111 | r 2.1 | o Abj | , ry | . 91 | , 11T; | - ту. | . AS | h vah | | |

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/08/462,355A*

DATE: 07/17/97 TIME: 16:38:34

INPUT SET: S19020.raw

Line Error

Original Text

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

This Raw Listing contains the General

DATE: 07/17/97 TIME: 08:24:45

INPUT SET: S19020.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING

AS A COMPANY

SEQUENCE LISTING

COMPANY

COMPANY 1 2 3 (1) General Information 4 5 (i) APPLICANT: Coleman, Roger 6 Au-Young, Janice 7 Bandman, Olga 8 Seilhamer, Jeffrey J. 9 10 (ii) TITLE OF THE INVENTION: A C5a-LIKE SEVEN TRANSMEMBRANE RECEPTOR 11 --> OK 12 (iii) NUMBER OF SEQUENCES: 5 13 14 (iv) CORRESPONDENCE ADDRESS: 15 (A) ADDRESSEE: Incyte Pharmaceuticals, Inc. (B) STREET: 3174 Porter Drive 16 (C) CITY: Palo Alto 17 (D) STATE: CA 18 19 (E) COUNTRY: USA 20 (F) ZIP: 94304 21 22 (V) COMPUTER READABLE FORM: (A) MEDIUM TYPE: Diskette 23 24 (B) COMPUTER: IBM Compatible 25 (C) OPERATING SYSTEM: DOS 26 (D) SOFTWARE: FastSEQ for Windows Version 2.0 27 28 (vi) CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 08/462,355 29 30 (B) FILING DATE: June 5, 1995 31 32 (vii) PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: 33 (B) FILING DATE: 34 35 36 (viii) ATTORNEY/AGENT INFORMATION: 37 (A) NAME: Billings, Lucy . 38 (B) REGISTRATION NUMBER: 36,749 39 (C) REFERENCE/DOCKET NUMBER: PF-0040 US 40 41 (ix) TELECOMMUNICATION INFORMATION: 42 (A) TELEPHONE: 415-855-0555 43 (B) TELEFAX: 415-845-4166 44

95

96

97

RAW SEQUENCE LISTING PATENT APPLICATION US/08/462,355A

TIME: 08:24:48

DATE: 07/17/97

1020

| | | | | | | | INPUT SET: S19 | 0020.raw |
|---|-----------------|--------------------|-----------------------------|-------------|-------------|-----------------------------------|-------------------|----------|
| | 45 | | (2) INFORMA | TION FOR SE | Q ID NO:1: | | | |
| | 46 | | (1) | | | | | |
| > | 47 | | (i) (i) se | QUENCE CHAR | ACTERISTICS | : | | |
| > | 48 49 | | (A) LENGTH: (B) TYPE: no | | pairs | | | |
| > | 50 | | (C) STRANDE | | 16 | | | |
| > | 51 | | (D) TOPOLOG | _ | | | | |
| | 52 | | | | | | | |
| | 53 | (ii) M | OLECULE TYP | E: cDNA | | | | |
| | 54 | | | | | | | |
| | 55 | 4 | WEDTAME CO | unan. | | | | |
| | 56 57 | • • | MMEDIATE SO (A) LIBRARY | | | | | |
| | 58 | | (B) CLONE: | | | | | |
| | 59 | | (2) | | | | | |
| | 60 | | | | | | | |
| | 61 | | | | | | | |
| > | 62 63 | (x1) S | EQUENCE DES | CRIPTION: S | EQ ID NO:1: | | | |
| > | 64 | ATGGCGTCTT | ТСТСТССТСА | GACCAATTCA | АСТСАССТАС | TCTCACAGCC | ATGGAATGAG | 60 |
| • | 65 | | 101010101 | 000 | | 1010 | | • |
| | 66 | CCCCCAGTAA | TTCTCTCCAT | GGTCATTCTC | AGCCTTACTT | TTTTACTGGG | ATTGCCAGGC | 120 |
| | 67 | | | | | | | |
| | 68 | AATGGGCTGG | TGCTGTGGGT | GGCTGGCCTG | AAGATGCAGC | GGACAGTGAA | CACAATTTGG | 180 |
| | 69 70 | ጥጥሮሮጥሮሮልሮ ሮ | TCACCTTGGC | GGACCTCCTC | тастасстот | ССФФСССФФ | СТСССТСССТ | 240 |
| | 71 | TICCICCACC | 1040011000 | CORCOTOCIO | 1001000101 | 0011000011 | 0100010001 | 210 |
| | 72 | CACTTGGCTC | TCCAGGGACA | GTGGCCCTAC | GGCAGGTTCC | TATGCAAGCT | CATCCCCTCC | 300 |
| | 73 | | | | | | | |
| | 74 | ATCATTGTCC | TCAACATGTT | TGGCAGTGTC | TTCCTGCTTA | CTGCCATTAG | CCTGGATCGC | 360 |
| | 75 76 | тстсттстсс | TATTCAAGCC | ΔΔΤΩΤΩΩΤΩΤ | САБААТСАТС | GCAATGTAGG | GATGGCCTGC | 420 |
| | 77 | | | | | | | |
| | 78 | TCTATCTGTG | GATGTATCTG | GGTGGTGGCT | TTTGTGTTGT | GCATTCCTGT | GTTCGTGTAC | 480 |
| | 79 | | | | | | | |
| | 80 81 | CGGGAAATCT | TCACTACAGA | CAACCATAAT | AGATGTGGCT | ACAAATTTGG | TCTCTCCAGC | 540 |
| | 82 | тсаттадатт | ATCCAGACTT | TTATGGGGAT | CCACTAGAAA | ACAGGTCTCT | ТСААААСАТТ | 600 |
| | 83 | | | | | | | |
| | 84 | GTTCAGCCGC | CTGGAGAAAT | GAATGATAGG | TTAGATCCTT | CCTCTTTCCA | AACAAATGAT | 660 |
| | 85 | a | a | | | | | 700 |
| | 86 87 | CATCCTTGGA | CAGTCCCCAC | TGTCTTCCAA | CCTCAAACAT | TTCAAAGACC | TTCTGCAGAT | 720 |
| | 88 | TCACTCCCTA | GGGGTTCTGC | TAGGTTAACA | AGTCAAAATC | TGTATTCTAA | TGTATTTAAA | 780 |
| | 89 | | | | | | | |
| | 90 | CCTGCTGATG | TGGTCTCACC | TAAAATCCCC | AGTGGGTTTC | CTATTGAAGA | TCACGAAACC | 840 |
| | 91 | | | • | mam. a= | ma | | 000 |
| | 92 93 | AGCCCACTGG | ATAACTCTGA | TGCTTTTCTC | TCTACTCATT | TAAAGCTGTT | CCCTAGCGCT | 900 |
| | 93 94 | TCTAGCAATT | CCTTCTACGA | • | CCACAAGGTT | TCCAGGATTA | TTACAATTTA | 960 |
| | 0.5 | | | | | · · · · · · · · · · · · · · · · · | | , , , |

GGCCAATTCA CAGATGACGA TCAAGTGCCA ACACCCCTCG TGGCAATAAC GATCACTAGG